

19980718.qrp v01_n156.qrs.980718

Date: Sat, 18 Jul 1998 19:03:07 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1156

QRP-L Digest 1156

Topics covered in this issue include:

- 1) [15385] Grandad CB conversion FS/T
by MNHopkins@aol.com
- 2) [15386] QSL Printing
by "Bryan Turner" <turnerw@email.uah.edu>
- 3) [15387] SG-2020 Comments - Thanks
by w4bld@juno.com (Robert B. Kerby)
- 4) [15388] RE: CB TO 10
by Tracy@bytemark.com (Tracy)
- 5) [15389] Re: Spectrum Analyzer Article in Aug 98 QST
by Pierre Constantineau <pierre@cmpe.ubc.ca>
- 6) [15390] Re: Bugs and ETC
by Monte Stark <ku7y@dri.edu>
- 7) [15391] MRF477 et al
by Wayne Montague <montaw@tdbank.ca>
- 8) [15392] New York QRP Activities??
by "Fred Ringwald" <fred@innocent.com>
- 9) [15393] Amateur Radio getting exposure at ABC
by raynsford <al7jk@gci.net>
- 10) [15394] Re: Amateur Radio getting exposure at ABC
by "Lawrence M. Koga" <crshi@aloha.net>
- 11) [15395] WTB: 20 METER QRP RIGS
by w2bj@juno.com
- 12) [15396] Re: Replacement Pwr Transistors
by "E. Andrews" <earlve3ab@igs.net>
- 13) [15397] Re: QSL Printing
by nhoop@centuryinter.net (Nat H)
- 14) [15398] QRP to the Field Results 1998
by Duncan Mac Donald <macdondd@cadvision.com>
- 15) [15399] 20 Watt RF Amplifiers
by n4so@juno.com (charles k brown)
- 16) [15400] code
by Fran Flynn <fflynn@together.net>
- 17) [15401] morse lives
by peacemkr <peacemkr@wcc.net>
- 18) [15402] Re: Amateur Radio getting exposure at ABC
by DENNISMO@aol.com
- 19) [15403] Re: Bugs and ETC

- by Michael Neverdosky <MichaelN@cycat.com>
- 20) [15404] Re: Amateur Radio getting exposure at ABC
by nhoop@centuryinter.net (Nat H)
 - 21) [15405] Re: morse lives
by nhoop@centuryinter.net (Nat H)
 - 22) [15406] Re: Know of any Linears for the Hw-8?
by Zack Lau <zlau@arrl.org>
 - 23) [15407] RE: Know of any Linears for the Hw-8?
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
 - 24) [15408] Re: Know of any Linears for the Hw-8?
by ka1iic <ka1iic@ime.net>
 - 25) [15409] THE BRAIN v1.51 Demo
by "Wm & Penny Kresl" <kresl@elknet.net>
 - 26) [15410] Brag, yawn, brag, brag brag,yawn unbearable!
by Mel Evans <MelEvansGM6JAG@compuserve.com>
 - 27) [15411] Club Talk & QRP Demo Monday 7/20, 8:45-9:00pm
by "Heron, George" <G.Heron@dialogic.com>
 - 28) [15412] Simple BFO circuit
by "Keith W. Martin" <martins@ccosmo.net>
 - 29) [15413] Re:
by RangerSF5@aol.com
 - 30) [15414] HP Scope info needed
by Bruce Muscolino <w6toy@erols.com>
 - 31) [15415] 11-2-10M Update: Steve's Progress...
by Conrad <radman@best.com>
 - 32) [15416] Re: Simple BFO circuit
by "Bob Kellogg" <ae4ic@nr.infi.net>
 - 33) [15417] Re: GQRP - Brag, yawn, brag, brag brag,yawn unbearable!
by af852@rgfn.epcc.edu (William R Colbert)
 - 34) [15418] Ceramic Tuning Tool Group Purchase
by "Gene Hall" <evhall@ix.netcom.com>

Date: Fri, 17 Jul 1998 19:12:39 EDT
From: MNHopkins@aol.com
To: QRP-L@Lehigh.EDU
Subject: [15385] Grandad CB conversion FS/T
Message-ID: <4b9b5947.35afda68@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Some History:

September, 1980, Penn Clower, W1BG, starts it all with an article in 73 Magazine on converting the Hy Gain board with the easy-to-slide PL-02A

Fast Forward:

My pal AA5ZD writes Penn in 1996 and Penn sends him a complete, converted turnk mount Uniden including the remote mic. AA5ZD gives it to me, a 6M op.

Thus, for sale or trade for 6M items or receive converters, one Penn Clower converted to 10M Hy-Gain AM CB with remote mic and cable -- \$20 and post from below address.

73 de ab5L, michael in dallas, student of Tecraft and International (ICM) ham products and mementoes of Six Meters' Golden Age: 1957-58

Michael Hopkins

Box 226841

Dallas, TX 75222 MNHopkins@AOL.com

Date: Fri, 17 Jul 1998 18:21:07 +0000
From: "Bryan Turner" <turnerw@email.uah.edu>
To: qrp-1@Lehigh.EDU
Subject: [15386] QSL Printing
Message-ID: <9807172321.AA19097@uahis1.uah.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7BIT

When printing QSL cards, try to include as much information as possible. Include your county for the county hunters. Even if you are only on HF, include the grid square just in case the VHF bug strikes. I try to have everything on the card. If I'm operating portable, I just note the differences in the remarks area.

73 Bryan W8LN

Date: Fri, 17 Jul 1998 19:22:18 EDT
From: w4bld@juno.com (Robert B. Kerby)
To: qrp-1@Lehigh.EDU
Subject: [15387] SG-2020 Comments - Thanks
Message-ID: <19980717.190332.7671.15.W4BLD@juno.com>

Gentlemen - I wish to thank all who replied to my question about the SG-2020. I have canceled my order in favor of using my IC-706 until the

new crop of QRP stuff comes out this fall. Needless to say, I appreciate the candor with which you people have spoken and the fact that you saved me 600 bucks. Meanwhile, it is back to the HW-8 and the IC-706 and some QRP fun. My thanks again, Bob

Robert B. Kerby - w4bld@juno.com
PO Box 991 (231 Rosser Avenue)
Waynesboro, VA 22980 (540) 942-4356
Collect: Morrow, Gonset, Elmac

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 17 Jul 1998 19:49:06 -0400
From: Tracy@bytemark.com (Tracy)
To: "QRP-L" <qrp-l@Lehigh.EDU>, <SKIPNC90@aol.com>
Subject: [15388] RE: CB TO 10
Message-ID: <000601bdb1dd\$7bec1480\$06251ad1@titan>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I converted an old Sears Roadtalker by simply changing the crystal and retaining. In the receive side, I had to replace a cap or two to get the best performance. Easy conversion, and fiercely effective rig!! Yeah, it missed a few freqs, but we widened the 'slider' to accommodate that.

Tracy, N4LGH

Date: Fri, 17 Jul 1998 17:05:07 -0700
From: Pierre Constantineau <pierre@cmpe.ubc.ca>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [15389] Re: Spectrum Analyzer Article in Aug 98 QST
Message-ID: <35AFE6B3.D97C565F@cmpe.ubc.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi everyone,

Bill Kelsey - N8ET - Kanga US wrote:

> The set of five boards will be available in mid August for a total
> cost of \$42 plus \$3 s/h. I will be out of town the week of the 14th
> of August, so they probably will not ship until the week of the 27th.
>

This looks like a quite big project with many board and parts...

This sure looks like a great project. Can someone make a little abstract of what it is all about. On what chip/principle/IF/Filters is it based on...
I can't wait till the end of august to have a look at it!
(Yeah it's that slow to get through the campus mail and the library system...)

Thanks, (I am pretty sure many others are in a similar situation)

--

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              /' ^ '\
             ( o o )
-----o000--( _ )--000o-----
Pierre Constantineau  B.Eng          Email: pierre@cmpe.ubc.ca
M. Applied Sciences Candidate        Phone: (604) 822-2913
Flash Smelting Group                Fax:   (604) 822-4750
Centre For Metallurgical            111-2355 East Mall
Process Engineering                 Vancouver, BC, Canada
U. of British Columbia .ooo0        V6T 1Z4
http://noname.cmpe.ubc.ca ( _ )      0ooo.  Amateur Radio: VE7JPC
-----\ (----( _ )-----
        \_ )   ) /
         ( _/

```

Date: Fri, 17 Jul 1998 17:17:27 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [15390] Re: Bugs and ETC
Message-ID: <Pine.SOL.3.96.980717170405.2740B-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well,

I've only been around since 1953.

Way back then there were about 3 kinds of CW operators;

1. New and still learning. Everyone (almost) was willing to help them out and learn.
2. Those who worked hard to send good code and did a good job of it.
3. Lids.

It was the third category that always gave fuel to the fire! And it seems that is still true.

We used to really send QLF back then to let someone know when it was getting hard to copy them! When is the last time you heard someone do that now?

I have known many, many an operator that was proud of the fact that they sent good code and that others could recognize them without having to hear their call.

This is due as much to the sound of the keying of the rig and the power supply as anything else. A bit of swing also helped.

But don't confuse the personal sound of bugs and the like with poor sending.

It's two different things.

CW used to be an art form. Now it's all automatic.

Better? There is no one answer to that!

Me? Well, I am still waiting to meet the first operator that will tell me that he works hard to send bad code! (And to not be lying about it!)

Don't confuse the above with someone working very hard and STILL sending bad code! We have all been there and done that!

I should repeat the story of the fellow who called me with a VERY bad fist at about 10 wpm when I had called cq at a much faster speed than that..... but I went back to him at 10 wpm. He broke me and said to send as fast as I wanted to because he could copy just fine but had had a stroke and could almost not send at all.

But I won't waste you time with that and about how nice a chat we had for a long time! :-)

Glad I didn't pass on that one just because he didn't send up to
some machine's standard!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Fri, 17 Jul 1998 20:37:59 -0400
From: Wayne Montague <montaw@tdbank.ca>
To: qrp-l@Lehigh.EDU
Subject: [15391] MRF477 et al
Message-ID: <35AFEE67.13BF@tdbank.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just a follow up on my enquiry the other day.

I received a few resposes from some very relieble sources (not Moto,
tho) that they "are or have discontinued all T0220 RF transistors".

This includes (obviously) MRF476, MRF475, MRF479, MRF477 - the usual
ones you see in drivers, and finals for 50 W solid state HF
transceivers.

For those interested, I can post a cross reference to Japanese
equivelents. I'm afraid its back to the dealer for those drivers. They
are used as replacements in the driver section in TS430, IC701 and many
other 'common' HF transceivers.

Thanks to those that responded -

Wayne
VE3EFJ

Date: Fri, 17 Jul 1998 19:52:02 -0500
From: "Fred Ringwald" <fred@innocent.com>
To: <qrp-1@Lehigh.EDU>
Subject: [15392] New York QRP Activities??
Message-ID: <001301bdb1e6\$47a17540\$6070d9d0@labette>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I will be moving to upstate New York, north of Syracuse in the next few weeks, and I wondered if anyone knows of any QRP activities, ham radio equipment shops, or other radio related activities that will be of interest.

Thanks, please reply offline

Fred Ringwald, AB0AE
fred@innocent.com

Date: Fri, 17 Jul 1998 16:55:38 -0800
From: raynsford <al7jk@gci.net>
To: qrp-1@Lehigh.EDU
Subject: [15393] Amateur Radio getting exposure at ABC
Message-ID: <3.0.2.32.19980717165538.008b4630@mail.gci.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Was reading todays news headlines at:

<http://www.abcnews.com/sections/tech/DailyNews/KWMorse980716.html>

If you have the time, its good reading :)

73
AL7JK John
Eagle River, Alaska

e-mail: al7jk@gci.net
packet: al7jk@k17aa.#nak.ak.usa.noam

Date: Fri, 17 Jul 1998 15:26:51 -1000
From: "Lawrence M. Koga" <crshi@aloha.net>
To: al7jk@gci.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [15394] Re: Amateur Radio getting exposure at ABC
Message-ID: <35AFF9DB.707@aloha.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> Was reading todays news headlines at:
>
> <http://www.abcnews.com/sections/tech/DailyNews/KWMorse980716.html>
>
> If you have the time, its good reading :)
>

I say yea to CW

Lawrence NH6NJ

Date: Fri, 17 Jul 1998 21:34:16 EDT
From: w2bj@juno.com
To: qrp-l@Lehigh.EDU
Subject: [15395] WTB: 20 METER QRP RIGS
Message-ID: <19980717.201338.2447.1.w2bj@juno.com>

I am looking for a built and working 20 meter SST or NN1G rig. If you have one and want to sell it, let me know.

72,
Barry Minsky, W2BJ

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 17 Jul 98 21:18:50 PDT
From: "E. Andrews" <earlve3ab@igs.net>
To: qrp-1@Lehigh.EDU
Subject: [15396] Re: Replacement Pwr Transistors
Message-ID: <MAPI.Id.0016.0061726c766533613030303930303039@MAPI.to.RFC822>
MIME-Version: 1.0
Content-Type: text/plain; charset="ISO-8859-1"; X-MAPIextension=".TXT"
Content-Transfer-Encoding: 7bit

There has been a few postings about discontinued TO 220 style transistors and the MRF477--Well just to let you all know..that if you are stuck for power output transistors you can always go to Phillips(sylvania) ECG or NTE type replacements. This also goes for the now extinct rca 40673 dual gate mosfet. Im not advertising for these guys but just letting the group know the alternatives. Not everyone knows about these..even guys in the industry. A Ten Tec Rep told me one time there were no replacement transistor types he knew of for the ones(P.A.) used in one of the argonauts ,,either 509 or 515 i forget the one. You pretty well can always find a replacement that will do and if you're stuck for alternatives then the ECG or NTE type replacements can bail you out.These transistors are guaranteed to work but they come at a premium price.

Date: Sat, 18 Jul 1998 02:44:19 GMT
From: nhoop@centuryinter.net (Nat H)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [15397] Re: QSL Printing
Message-ID: <35b70b75.57924059@mail.ot.centuryinter.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Does anyone know the weight (or whatever) of card stock suitable for QSL cards? I want to order some but don't know what it's called.

Thanks,

73 Nat KM5QU
Oxford AR

Date: Sat, 18 Jul 1998 03:15:25 -0500
From: Duncan Mac Donald <macdondd@cadvision.com>
To: qrp-1@Lehigh.EDU
Subject: [15398] QRP to the Field Results 1998
Message-ID: <35B0599D.39B9@cadvision.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All.

Is there anyone out there who can tell me the results of the last QRP to the Field Contest???

I am particularly interested in the position obtained by VE6DN. Is there a web site that i can go to for this info??

Thanks de Duncan...

Date: Fri, 17 Jul 1998 23:24:24 EDT
From: n4so@juno.com (charles k brown)
To: qrp-1@Lehigh.EDU
Subject: [15399] 20 Watt RF Amplifiers
Message-ID: <19980718.032044.4831.1.n4so@juno.com>

Small 20 watt RF amplifiers.

QAMP-30, QAMP-40, QAMP-80

30, 40 AND 80 Meter amps on page 4 of Electronic Experimenter's Journal, 4025 Edwards Rd, Cincinnati, OH 45209 1 800 423 4499

Same name of QAMP appears in a Waters and Stanton ad in the back of RADIO COMMUNICATION Handbook from England -- next to the last page-- QAMP 20 watt HF Linears Models for 80, 40 and 20. Listed as 49.95 pounds.

CCI

COMMUNICATION CONCEPTS, INC.

508 Millstone Dr.

Beavercreek, OH 45434-5840

937-426-8600

Advertises in QST mag each month.

p. 168 Dec, 1997

Sells two models of 20 watt amps -- AN779H and AN779L using different final amplifiers. PC board and parts list for Motorola amps.

Also 140 watt and others.

Free catalog. This is not a kit.

nnnn

The following is a saved text file.

From: "Ed Hare, W1RFI" <ehare@arrl.org>

Date: Fri, 17 Jul 1998 10:36:45 -0400

Subject: Re: Know of any Linears for the Hw-8?

> > I am looking for an amp for the Hw-8. anybody have one or

> > know where I

> > could get a circuit board for one. 2.5 watts is OK,,,but

> > would be nice to

> > operate at higher power when conditions are not good. Like 15

> > watts or so.

> > just a thought. Greg.

Greg,

Plans for amplifiers for QRP rigs appeared in:

qst1979.txt:Putting The Boots To Your HW-8 QRP Transceiver [Demaw] ...

Apr P15

qst1979.txt:Boots For The HW-8 ... Apr P47 ... Feedback ... Jun P18

qst1981.txt:Boots For QRP Rigs ... [Kapplin] ... Jul P15

PC boards are probably not available, but these are simple circuits, so they should be relatively easy to debug. Recent ARRL Handbooks have an excellent Construction chapter that describes many usable techniques.

73,

Ed Hare, W1RFI

ARRL Lab

From: "Ed Hare, W1RFI" <ehare@arrl.org>

Date: Fri, 17 Jul 1998 10:36:45 -0400

Subject: Re: Know of any Linears for the Hw-8?

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qst1979.txt:Boots For The HW-8 ... Apr P47 ... Feedback ... Jun P18
qst1981.txt:Boots For QRP Rigs ... [Kapplin] ... Jul P15

PC boards are probably not available, but these are simple circuits, so they should be relatively easy to debug. Recent ARRL Handbooks have an excellent Construction chapter that describes many usable techniques.

KEN BROWN N4SO
QRP-L #622/Near Mobile, AL EM50tk
n4so@juno.com

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Date: Fri, 17 Jul 1998 23:51:46 -0400 (EDT)
From: Fran Flynn <fflynn@together.net>
To: nhoop@centuryinter.net
Cc: qrp-l@Lehigh.EDU
Subject: [15400] code
Message-ID: <199807180351.XAA24525@sequoia.together.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>I think too, (zipping up flame suit) there's the matter of courtesy...
>thoughtfulness towards others. I think it's a bit "in-your-face" to send
>poor code for the fun of it. Im in a learning phase right now myself, and
>an doing a LOT of practicing sending...to myself. I'm determined to get it
>right (or at least, reasonable) before subjecting others to it.
>
>Thanks again,

In response to your comments in qrp-1. This is not intended to be a flame either.

At one time, hams on the air could recognise each other by their "fists", or style

of sending code, even before the callsign was sent. This, of course was in the days before electronic keyers. Straight keys, or bugs were used. I think that a bug or straight key allows a certain personal expression. Just as we all have certain differences in the way we speak, we express those differences when sending

code. I don't think that anyone wishes to send poor code. As you become more experienced

in using morse code on the air, you may begin to appreciate these somewhat subtle

nuances, it's another way of getting to know someone. In my opinion, sending code

with an "accent" is not poor sending. It sometimes makes it more enjoyable, but

you can take that with a little grain of salt, I use a keyer most of the time :).

Particularly, when running qrp. Then, I want my code to be as close to standard as possible in order to enable copy if my signal is weak. The standard as I understand it, is ratio of dits to dahs = 1:3, space between dits = 1, the number is an arbitrary unit of time, depending on code speed, but maintaining the ratio.

This means that I took my homebrew keyer and set it using a scope so that the dahs

are just exactly 3 times longer than the dits and the dits are exactly 50% on and

50% off. On the other hand, sometimes I use my handkey because perfect code is boring.

73

Fran, KM1Z

ps-- so is perfect spelling!

Date: Fri, 17 Jul 1998 23:13:32 -0500
From: peacemkr <peacemkr@wcc.net>
To: Al Peterson <peterson@wcc.net>, Jim Parsons <k5rov@gte.net>, John Marshall <JMarsh1014@aol.com>, Rolf Stout <zell@wcc.net>, "txham@qsl.net" <txham@qth.net>, Wayne <hillhouse@juno.com>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [15401] morse lives
Message-ID: <35B020EC.2C52BDB9@wcc.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

<http://www.abcnews.com/sections/tech/DailyNews/KWMorse980716.html>

Date: Sat, 18 Jul 1998 00:25:24 EDT
From: DENNISMO@aol.com
To: qrp-l@Lehigh.EDU
Subject: [15402] Re: Amateur Radio getting exposure at ABC
Message-ID: <2f85c983.35b023b5@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi Gang -

Nice article..... There is even a RealAudio file that you can play with Samual Morse's "What has God Wrought" in CW - except that it is a bit faster than I think he actually sent it. But let's not get picky... It was great to see CW getting some good press.

Ya all take care, amigos.. y God Bless..

72 Denny / AD6EZ <><
Promise Keeper
HAMing It Up Everyday In Goleta, CA
FISTS #4570 /QRP-L #1359 /10-X #69158 /ARCI #9637 /Six Club #242 /sCQs #44

Date: Sat, 18 Jul 1998 05:58:37 -0400
From: Michael Neverdosky <MichaelN@cycat.com>
To: qrp-l mailing list <qrp-l@Lehigh.EDU>
Subject: [15403] Re: Bugs and ETC

Message-ID: <35B071CD.CC620F8E@cycat.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Anyone who is sending dahs at 15 wpm and dits at 50 wpm is certainly NOT trying to send good code.

My friend, Lee Aurick W1SE, tells stories of operating in Europe during WWII. The Army prohibited him from using a bug but he would still use it at every chance. People listening on a circuit would be hard pressed to tell if he was using the bug or straight key.

If anyone is interested I could ask him for permission to post a few of his stories.

michael N6CHV

ku7y@dri.edu wrote:

> Me? Well, I am still waiting to meet the first operator that
> will tell me that he works hard to send bad code! (And to not
> be lying about it!)

Date: Sat, 18 Jul 1998 11:19:00 GMT
From: nhoop@centuryinter.net (Nat H)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [15404] Re: Amateur Radio getting exposure at ABC
Message-ID: <35ba0f67.58933714@mail.ot.centuryinter.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

You betcha! GOOD article! It should be mandantory reading for all the naysayers who don't want to be bothered learning code(G).

73 Nat KM5QU
Oxford AR

>> Was reading todays news headlines at:
>>
>> <http://www.abcnews.com/sections/tech/DailyNews/KWMorse980716.html>

>>
>> If you have the time, its good reading :)
>>
>
>
>
>I say yea to CW
>
>Lawrence NH6NJ

Date: Sat, 18 Jul 1998 12:08:22 GMT
From: nhoop@centuryinter.net (Nat H)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [15405] Re: morse lives
Message-ID: <35b68ff3.3105983@mail.ot.centuryinter.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

><http://www.abcnews.com/sections/tech/DailyNews/KWMorse980716.html>

Now there's a great article I recommend that everyone read.

73 Nat KM5QU Oxford AR

Date: Sat, 18 Jul 1998 08:20:10 -0400
From: Zack Lau <zlau@arrl.org>
To: qrp-1@Lehigh.EDU
Subject: [15406] Re: Know of any Linears for the Hw-8?
Message-ID: <35B092FA.189D@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

While there currently aren't any USA regulations that specifically spell out CW bandwidth limitations, there have been interesting ITU proposals that may create such limitations. Typically, such regulations have been based on concepts like necessary bandwidths, which can be quite narrow for CW. Obviously, amateur organizations are attempting to make sure that overly restrictive regulations don't

become adopted. At the moment, there doesn't appear to be any big concerns about such regulations becoming adopted since enough key people are watching for them.--Zack W1VT

BTW--Yes, I do get paid for making comments about such regulations to assist the ARRL in making decisions.

Date: Sat, 18 Jul 1998 09:16:13 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: <zlau@arrl.org>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [15407] RE: Know of any Linears for the Hw-8?
Message-ID: <000401bdb256\$a3339440\$963347cf@homedad.uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

I thought that 3kc (or so) was the limit for all HF emmissions.

97.307(f)

The following standards and limitations apply to transmissions on the frequencies specified in 97.305(c) of this Part.

....

- (2) No non-phone emission shall exceed the bandwidth of a communications quality phone emission of the same modulation type. The total bandwidth of an independent sideband emission (having B as the first symbol), or a multiplexed image and phone emission, shall not exceed that of a communications quality A3E emission.

I think this would apply to CW since it is "non phone."

Kevin

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> Zack Lau
> Sent: Saturday, July 18, 1998 7:20 AM
> To: Low Power Amateur Radio Discussion

> Subject: Re: Know of any Linears for the Hw-8?
>
>
> While there currently aren't any USA regulations that specifically
> spell out CW bandwidth limitations, there have been interesting ITU
<snip>
> people are watching for them.--Zack W1VT
>
> BTW--Yes, I do get paid for making comments about such regulations
> to assist the ARRL in making decisions.
>
>

Date: Sat, 18 Jul 1998 10:38:56 -0700
From: kaliic <kaliic@ime.net>
To: wb5rue@stic.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [15408] Re: Know of any Linears for the Hw-8?
Message-ID: <35B0DDB0.4BCC@ime.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Kevin:

I haven't really been paying attention to this discussion but bandwidth on CW is a factor of speed. The higher the speed the greater the bandwidth.

Check out a CW transmission at 100 or greater words per minute and you will find it quite a bit wider than say 20 wpm.

Maybe I've missed the point... but I do know CW can be wider than 3khz but it is possible that it may not be legal under the present FCC rules.

RTTY and AMTOR etc are in fact 'codes' and they take up greater bandwidths... and My computer can pound out code at 100 wpm but I'll stick to a straight key.

just my two cents worth...

72
Vince
kaliic

-.-.-.

Date: Sat, 18 Jul 1998 10:06:05 -0500
From: "Wm & Penny Kresl" <kresl@elknet.net>
To: <qrp-1@Lehigh.EDU>
Subject: [15409] THE BRAIN v1.51 Demo
Message-ID: <01bdb25d\$960737c0\$8b2d07cf@kresl.elknet.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy fellow homebrew groupies! Excuse my canned attachment that I wrote-up to post on my local ISP's message board about some very POWERFUL commercial software I found to (at its simplest) aid in surfing the web -but it goes beyond that task. This is a very cool surf and launch application that does a SPLENDID job of organizing your thoughts (well mine anyways). My words don't do it justice, and the URL's to the on-line VIDEO TOURS will paint a better picture. You NEED to download and play with the DEMO PROGRAM (that's all I am using) to appreciate this little gem. Its a highly ADDICTIVE, FUN, and PRODUCTIVE way to squeeze the most out of your computer. I am posting it for my fellow ham comrades as I haven't seen much about this on USENET, and the word needs to be spread. I am NOT CONNECTED with this software/company in ANY WAY! Just a satisfied user that can see its potential (how about a BRAIN based OS in a PALMTOP?).

Check it out, cheers and 73..

Bill-WB9BBC

P.S. The QRP connection is that I use it to QUICKLY navigate a lot of these web sites.

--

NATRIFICIAL's BRAIN Software wants to digitize your brain to use the THOUGHT processes

in your own BRAIN to manage a wide variety of information into a single structure. Think of how your 'real' brain works on a variety of sights/smells/sounds and how it can freely associate and connect patterns -this software allows this same free association of ideas, documents, web bookmarks, notes and OTHER BRAINS. The BRAIN software transforms your computer into the digital version of how your mind works. Your computer becomes a THOUGHT PROCESSOR as it ties these diverse elements into a single THOUGHT data format. Read the press releases to get a better understanding of the technology, then watch the quick tour and online tutorials (very well done). Then download and get your own BRAIN and put it to work! The possibilities are endless here, and the ability to tap into a world of OTHER BRAINS via the web in their THINKTANK is a powerful use of your BRAIN. So, GET A BRAIN of your own and expand your mind!

For THE BRAIN home page:
<http://www.thebrain.com/>

For THE BRAIN press releases and reviews:
http://www.thebrain.com/Company/press_01.html

For THE BRAIN version 1.51 30-day demo program (2.2MB download for WIN95/98/NT - requires PENTIUM class machine):
<http://www.thebrain.com/Brain/download.asp>

For THE BRAIN quick tour (requires REALPLAYER 5.0):
http://www.thebrain.com/tour_01.html

For THE BRAIN on-line tutorial (requires REALPLAYER 5.0):
<http://www.thebrain.com/Support/tutorial.html>

For THE BRAIN's THINKTANK to other BRAINS (nearly 300):
<http://brains.thebrain.com/>

Bill

Wm Kresl - WB9BBC
kresl@elknet.net
webSPACEWASTER(tm): <http://www.elknet.net/kresl>
Delavan, Wisconsin USA
Earth

Date: Sat, 18 Jul 1998 11:33:06 -0400
From: Mel Evans <MelEvansGM6JAG@compuserve.com>
To: qrp-l <qrp-l@Lehigh.EDU>
Cc: gqrp <gqrp-l@blacksheep.org>
Subject: [15410] Brag, yawn, brag, brag brag,yawn unbearable!
Message-ID: <199807181133_MC2-5384-7CAC@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Hi gang,

Page 73 August QST "More Mobile Installation....."

Taken me 17 years to get into QST, I'm chuffed as we say in this part of the world!

72 and 73 de Mel
GM6JAG
Edinburgh, Scotland UK
Home of the last HW9

Area Chairman, British Caravanner's Club
Web Pages <<http://users.aol.com/bccscot/page1.html>>

Alternate e-mail address: <melgm6jag@aol.com>

Authorised at 11kv, 33kv, and up to 275kv

Check out < <http://users.aol.com/euramcom/welcome.html> >
for details of euro-american components equivalents!

Date: Sat, 18 Jul 1998 13:45:17 -0400
From: "Heron, George" <G.Heron@dialogic.com>
To: QRP-L <qrp-l@Lehigh.EDU>, njqrp@njqrp.org, liqrp@waterw.com
Subject: [15411] Club Talk & QRP Demo Monday 7/20, 8:45-9:00pm
Message-ID: <DC98876F9BBBD111A5F900A02461FF13EC881B@webmail1.dialogic.com>

MIME-Version: 1.0
Content-Type: text/plain

As mentioned a couple of days ago, I'll be giving a QRP talk this coming Monday evening at a local ham club here in northern NJ. I'll have a bunch of my portable gear and will be on the air during the meeting looking for some quick contacts in demonstration of QRP.

==> If you have the time, *please* give a listen and reply to my "CQ QRP de WQ2RP"

TIME: 8:45pm-9:00pm EST on Monday July 20
FREQ: 7.040 (or 10.116 if condx bad)
CALLSIGN: WQ2RP (I'll be using the NJ-QRP club call)
EXCHANGE: RST, Name, QTH, Power

I'll be trying to get as many contacts during this period to show the effectiveness of low power operation and the distances possible. And we'll issue a "special event" QSL card for the contacts made.

Thanks a bunch guys and hope to hear some of you!

72/73,
--George Heron, N2APB in Sparta, NJ
<http://www.njqrp.org> g.heron@dialogic.com

Date: Sat, 18 Jul 1998 11:35:18 -0700
From: "Keith W. Martin" <martins@ccosmo.net>
To: qrp-1@Lehigh.EDU
Subject: [15412] Simple BFO circuit
Message-ID: <199807181135180100.00CEFDE8@ccosmo.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="ISO-8859-1"
Content-Transfer-Encoding: quoted-printable

Group:

Is there an easy and simple way to add a BFO function to a receiver? I have= an 8 band SW radio that is perfect in everyway.....except it does= not have a BFO!

Thanks

Keith

Date: Sat, 18 Jul 1998 16:34:08 EDT
From: RangerSF5@aol.com
To: qrp-l@Lehigh.EDU
Subject: [15413] Re:
Message-ID: <53c66182.35b106c1@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi Gang

I had some problems with AOL and my mail was not going through.

If anyone was sending mail to me for any info please resend

Bob

WA2HQQ

Date: Sat, 18 Jul 1998 17:16:44 -0400 (EDT)
From: Bruce Muscolino <w6toy@erols.com>
To: QRP-L@Lehigh.EDU
Subject: [15414] HP Scope info needed
Message-ID: <2.2.16.19980718170807.21e78292@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Can any of you tell me anything about an HP 1720A scope? Fair Radio is selling them at what seems a reasonable price Checked Out. Their catalog says it's good to 275 MHz. Anybody used one? Owned one? Care to comment on it against the TEK 465?

73

Date: Sat, 18 Jul 1998 14:38:33 -0700
From: Conrad <radman@best.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [15415] 11-2-10M Update: Steve's Progress...
Message-ID: <01BDB259.BE5C5EC0.radman@best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Gang,

Steve Weber's now reporting full QRP output on his 10M converted Maxon CB set!

His measured RF output is: 5.1 watts at 29.00 MHz and 4.85 watts at 29.5 MHz... certainly good news to see it that flat! (That's 50 channels at 10 kHz ea.)

Those results came with some additional efforts on his part. It appears that the Maxon and RS CB sets will require a mod to an airwound coil used as the collector choke in the PA section. Either we use a small tunable slug inside the existing airwound coil or we replace the entire coil with a small ferrite toroid. (pretty simple mod in either case... I've looked at the coil and it's in the clear...) Steve's running his rig with a "sample internal slug" that he's tuned... he'll have to source a choke mod for the final kit.

His words: "A little more fooling around and it will be 'good to go' soon."

And a quick comment on the Maxon vs the RS CB's. Steve has the Maxon. I have the RS. We've compared board revs, board numbers, FCC-IDs, dimensions, etc etc... and we're "quite sure" these radios will play the same. It's still untested tho... :) One difference - perhaps interesting to some folks: the RS case works is injection molded ABS - with no EMI/RFI spray on the inside. The Maxon is a metal case... black painted steel. Thus far, I haven't been able to "foul" the RS with nearby QRP, computer, test equipment doing normal things. Nor does the RS "foul" the other gear. Seems to listen very well. Mobile testing will follow shortly... everything always get noisier then, eh? One nice thing about the RS set is the size and weight: 6.5" X 4.5" X 1.5" (tiny!) and 15.5 ounces (Less Mic.)... it's QRP :) !

We're getting closer. More news as it happens..... :)

72 - Conrad Weiss - NN6CW

Date: Sat, 18 Jul 1998 17:35:15 -0400

From: "Bob Kellogg" <ae4ic@nr.infi.net>

To: <martins@ccosmo.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [15416] Re: Simple BFO circuit
Message-ID: <199807182144.RAA18972@mailhost.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Keith,

Yes, there is. What you do is build a simple oscillator on the frequency of the IF. This can be an external device. The radios IF will pick up the oscillator when you turn it on.

Hope this helps.

CUL,
Bob Kellogg, AE4IC, Greensboro, NC
Probably, but not nececelery. -- Benny Hill

> Is there an easy and simple way to add a BFO function to a receiver? I
have an 8 band SW radio that is perfect in everyway.....except it
does not have a BFO!

>
> Thanks
>
> Keith

Date: Sat, 18 Jul 1998 15:47:48 -0600 (MDT)
From: af852@rgfn.epcc.edu (William R Colbert)
To: MelEvansGM6jag@compuserve.com, gqrp-1@blacksheep.org, qrp-1@Lehigh.EDU
Subject: [15417] Re: GQRP - Brag, yawn, brag, brag brag,yawn unbearable!
Message-ID: <199807182147.PAA13521@rgfn.epcc.edu>

Mel, just read your suggestions for mobile installations - great
list of suggestions and as a former installer, I too can vouch
for the need for the heavy cables, etc. As well as fusing BOTH
lines. Thanks for the reminders.

73 Ray

--
Ray Colbert, W5XE
OOTC 3618, SOWP 1064M
El Paso, Tx (FAR WEST TEXAS!)
also: w5xe@juno.com

Date: Sat, 18 Jul 1998 17:50:59 -0400
From: "Gene Hall" <evhall@ix.netcom.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Cc: <wa4hhp@amsat.org>
Subject: [15418] Ceramic Tuning Tool Group Purchase
Message-ID: <003f01bdb296\$29cd4980\$38abbacd@evhall.ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

Sorry for the delay but I'm through with the proposal I was writing and I'm ready to move forward with the group purchase of the ceramic tuning tools.

For the information of those that might have missed the first discussion on these tools, this is a tubular tool about 4" long and 1/2" in diameter made for adjusting Rf type circuits without having to worry about the effect of the tuning tool on the adjustment. They accomplish this with a replaceable ceramic tip that looks like a small flat screwdriver and inserts into a rubber end piece. The only disadvantage is that the tips are fragile. If you drop the tool on the floor you will most likely be replacing the tip before you use it again.

Voice of experience.

In spite of this. they are the best tool I have ever used for adjusting RF and IF circuits during my hardware design workdays for Bendix Avionics and Motorola.

The tools, complete with one tip, are \$5.48 each.

Replacement tips are \$3.35 ea.

I think \$2.00 for each order, including multi-tool orders, should cover the shipping to me and then to you.

Lodestone has a \$25 minimum order and ships UPS. I'll ship by First Class mail to you.

For DX, I'll be glad to work with you about the shipping, e-mail me off-list.

I'll hold off on my order until Monday, the third of August to give everyone a chance to see this that might want to order one.

Lodestone said they would ship within 2-3 days of the order.

I'll ship to each of you as soon as I can repack them and get them on the way.

E-mail me off-list to save bandwidth with the tool and tip quantities you want even if you sent an earlier one expressing interest in these items.

I'll acknowledge each e-mail and confirm both receipt of your check and shipping your order to you.

PLEASE send a filled out address label with your order.

TNX es 72,

Gene Hall
WA4HHP
5 Princess Ct.
Summerville, SC 29485

End of QRP-L Digest 1156

